Patent Claims

1. Fungicidal compositions, characterized in that they comprise an active compound combination consisting of

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2'-cyano-3,4-dichloroisothiazole-5-carboxanilide of the formula

$$\begin{array}{c|c}
CI & CI \\
N & S & C-NH-\\
CN & CN
\end{array}$$
(I)

and

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(1) a neonicotinyl of the formula

(imidacloprid)

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(thiacloprid)

$$\begin{array}{c|c} & & & \\ & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\$$

$$\begin{array}{c|c} & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & &$$

$$\begin{array}{c|c} & & & \\ & & & \\$$

(nitenpyram)

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$$\begin{array}{c|c} & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\$$

(dinotefuran)

or

$$CH_2$$
 CH_3 CH_3 CH_3 CH_3

(acetamiprid)

and/or

5 (2) a carbamate of the formula

in which the radicals R¹ and R² are as defined below:

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$$(III-a)R^1 = -S - N - CH_2 - CH_2 - CO - OCH_2 - CH_3$$

$$CH(CH_3)_2$$

$$R^2 = CH_3$$

(benfuracarb)

(III-b)
$$R^1 = -S - N - CO - O - (CH_2)_3 - CH_3$$

$$CH_3$$

$$R^2 = CH_3$$

(furathiocarb)

(III-c)
$$R^1 = CH_3$$

 $R^2 = H$
(carbofuran)

5 or

(III-d)
$$R^1 = -S-N[-(CH_2)_3-CH_3]_2$$
 $R^2 = -CH_3$ (carbosulfan)

and/or

(3) a phenylpyrazole derivative of the formula

$$F_3C$$
 N
 $SO-R^3$
 (IV)

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in which the radical R³ is as defined below:

(IV-a)
$$R^3 = -CF_3$$

20 (fipronil)

(IV-b)
$$R^3 = C_2H_5$$
 (ethiprole)

25 and/or

(4) a pyrethroid of the formula

$$\begin{array}{c|c} CI & CI & \\ \hline \\ CO-O-CH & \\ \hline \\ CN & \\ \hline \\ (cycloprothrin) & \\ \end{array}$$

and/or

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(5) a pyrethroid derivative of the formula

$$H_5C_2O$$
 CH_2
 CH_3
 CH_3
 $CVI-a$)

(etofenprox)

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or

$$H_5C_2O$$
 CH_3
 CH_3

and/or

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(6) the dithiol derivative of the formula

$$CH_2$$
-S-CO-NH₂
 $(CH_3)_2$ N—CH
 CH_2 -S-CO-NH₂ (VII)

(cartap)

and/or

5 (7) the triazine derivative of the formula

and/or

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(8) the macrolide with the common name spinosad (IX),

in addition to extenders and/or surfactants.

- Compositions according to claim 1, characterized in that in the active compound combinations the weight ratio of active compound of the formula (I) to
 - active compound of group (1) is between 1:0.1 and 1:100,
 - active compound of group (2) is between 1:1 and 1:500,
 - active compound of group (3) is between 1:0.5 and 1:50,
 - active compound of group (4) is between 1: 0.5 and 1: 50,

- active compound of group (5) is between 1:0.5 and 1:50,
- active compound of group (6) is between 1:1 and 1:500,
- active compound of group (7) is between 1:1 and 1:100 and
- active compound of group (8) is between 1:0.5 and 1:50.

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- 3. Method for controlling fungi, characterized in that active compound combinations according to claim 1 are applied to the fungi and/or their habitat.
- Use of active compound combinations according to claim 1 for controlling fungi.
 - 5. Process for preparing fungicidal compositions, characterized in that active compound combinations according to claim 1 are mixed with extenders and/or surfactants.